

CLIMATOLOGICAL DATA FOR JUNE, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

Several features of unusual significance occurred within June, 1913, chief of which were the low temperatures of the 9th and 10th, the hot weather that followed within the next week, and the great deficiency in rainfall that affected most of the district.

Killing frosts occurred quite extensively in the northern States and in scattered places even as far south as Virginia. So extensive a freeze in June has probably not occurred in the district for 20 years or more. At Albany, N. Y., the temperature reached the lowest point of record for June in the last 40 years, while the minimum temperatures at other points were scarcely less remarkable. Harrisburg, Atlantic City, and Philadelphia each recorded temperatures within 1° of the lowest known for June, the records covering, respectively, 25, 40, and 43 years. Ice formed at Dale Enterprise, Va., and the temperature was the lowest ever recorded there in June, the records of that station covering 34 years.

Hot weather prevailed from the 14th to the 17th and much suffering resulted. A second hot wave of considerable intensity developed toward the close of the month, culminating about the 30th.

A period of unusually dry weather extended from the 8th to the 19th or 20th, during which time there was no rainfall of consequence, and the showers that occurred later in the month were not sufficient to bring the soil to a normal condition with respect to moisture.

The following table exhibits the leading features of meteorological interest for the various sections of the district:

States or parts of States within district No. 1.	Temperature.				Precipitation.				Average number of—	
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.		
New England.....	63.5	-1.0	95	27	1.28	-1.82	3.31	0.10	5	18
New York.....	65.0	0.0	99	22	1.70	-2.18	5.23	0.48	2	20
Pennsylvania.....	68.6	+0.3	99	28	1.87	-1.96	4.07	0.66	7	19
New Jersey.....	69.1	-0.1	98	31	1.80	-2.04	3.76	0.68	5	19
Maryland, Delaware, and District of Columbia.....	71.7	+0.6	100	34	2.15	-1.84	5.06	0.78	7	17
West Virginia.....	68.6	+1.3	99	29	3.69	-1.29	5.88	1.14	9	14
Virginia.....	71.1	-0.2	98	35	3.37	-1.41	6.44	0.95	8	15

TEMPERATURE.

The average temperature for the district as a whole was about 68° and the number of stations reporting an excess in temperature was nearly equal to the number reporting a deficiency. At most places the monthly mean temperature was very close to the June normal. The highest monthly mean temperature at any station in the district was 74.8°, at Woodstock, Md., and the lowest was 54.8°, at Van Buren, Me.

Temperature changes were frequent and very pronounced. After the record-breaking low temperatures of June 9 and 10 the weather rapidly became warmer, and by the 14th the temperatures were unusually high. The warmest day, however, in most places was the 16th, when maximum temperatures were between 90° and 100° over the greater part of the district. From the 9th to the 16th daily mean temperatures ranged from more than 15° below the normal to nearly as much above the normal. At Binghamton, N. Y., the mean temperature for the 9th was 22° below normal, a departure almost as great as the most remarkable observed in the extreme conditions of winter months.

Moderate temperatures were the rule after the 17th, except on the last 4 days, when the heat again became oppressive in some sections.

PRECIPITATION.

The average amount of rainfall for the district was not more than 2 inches and not many stations received more than that amount in New England, New York, or New Jersey. The greatest rainfall for the month was 6.44 inches, at Woodstock, Va., and the least was only 0.10 inch, at Bar Harbor, Me., and Concord, N. H. There were but few instances of heavy or destructive local storms compared with the number usually experienced in June, and only 3 stations in the district reported instances of rainfall that equaled or exceeded the rate termed "excessive," 2.50 inches within 24 hours.

The rainfall of the month was somewhat peculiar in the fact that the number of days with precipitation was nearly as great as usual for June, though the total amount of rainfall averaged only about half the normal.

The great extent of serious drought conditions is clearly indicated by the large number of stations where less than 1 inch of rainfall was recorded, as may be seen from an inspection of the tables. Rainfall was greatest in the southern part of the district and diminished toward the north.

River stages were moderate at the beginning of the month, but became quite low by the 20th, when the principal rainy period began.

SUNSHINE AND MISCELLANEOUS.

The number of clear days and the percentage of possible sunshine averaged greater than in any other month of this year and exceeded also the records for every month of last year. The percentage of possible sunshine averaged 72, and ranged from 59 at Mount Weather, Va., to 79 at New Haven, Conn. Expressed in hours, the sunshine for the month at representative stations averaged 328, or practically 11 hours a day. The number of days with 0.01 inch or more of rainfall averaged 7, clear days averaged 18, partly cloudy days 9, and cloudy days 3.

TABLE 1.—Climatological data for June, 1913. District No. 1, North Atlantic States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
<i>Maine.</i>																			
Bar Harbor.	Hancock.	20	27	59.6	- 0.5	86	27	34	1	35	0.10	- 2.00	0.10	0	1	19	9	2	sw.
Cornish.	York.	778	58	64.0	- 1.2	92	27	35	9†	43	0.93	- 2.70	0.30	0	6	15	10	5	w.
Eastport.	Washington.	53	41	56.4	+ 2.0	80	11	43	1	31	0.71	- 2.53	0.16	0	12	10	15	5	s.
Fairfield.	Somerset.	90	28	61.4	- 2.0	88	27	33	10	40	0.21	- 2.57	0.14	0	3	23	1	6	sw.
Farmington.	Franklin.	450	16	62.2	- 0.3	90	27	37	10	42	0.79	- 2.84	0.35	0	3	19	6	5	nw.
Gardiner.	Kennebec.	163	21	61.2	- 4.0	89	27	35	10	40	1.10	- 1.30	0.41	0	10	19	6	5	sw.
Greenville.	Piscataquis.	1,140	9	57.0	.....	82	27	32	10	.....	1.82	.....	0.74	0	9	19	9	2	sw.
Houlton.	Aroostook.	362	11	59.1	.....	84	28	32	12	42	1.21	- 1.94	0.60	0	4	22	0	8	ne.
Lewiston.	Androscoggin.	185	39	61.8	- 2.6	89	27	43	10	35	1.20	- 2.36	0.56	0	6	13	10	7	nw.
Madison.	Somerset.	257	10	60.4	.....	89	28	37	9	36	1.40	- 2.90	0.35	0	9	17	6	7	nw.
Millinocket.	Penobscot.	386	10	61.7	.....	89	27	33	1†	45	1.04	- 2.25	0.56	0	7	17	6	7	f. c. bowler.
North Bridgton.	Cumberland.	450	20	63.6	- 1.0	94	27	39	10	47	1.40	- 2.35	0.59	0	4	18	4	sw.	
Orono.	Penobscot.	129	44	61.3	- 1.0	87	28	34	10	40	1.38	- 2.16	0.33	0	8	15	10	5	sw.
Patten.	do.	550	11	59.2	.....	90*	27	29°	23	48	1.64	.....	1.00	0	16*	5	4	sw.	
Portland.	Cumberland.	99	42	62.2	- 0.4	91	27	46	1	33	0.59	- 2.77	0.39	0	7	14	10	6	s.
Presque Isle.	Aroostook.	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Rumford Falls.	Oxford.	505	20	61.4	- 2.2	89	27	38	9†	38	1.08	- 2.34	0.56	0	6	21	7	2	nw.
Van Buren.	Aroostook.	510	8	54.8	.....	82	27	29	22	41	2.37	.....	0.60	0	11	15	8	7	w.
Winslow.	Kennebec.	90	18	62.6	- 0.1	90	27	37	9	41	0.92	- 2.29	0.42	0	8	22	6	2	w.
<i>New Hampshire.</i>																			
Alstead Center.	Cheshire.	1,120	9	62.8	.....	87	27	36	9	37	0.23	.....	0.11	0	6	22	4	4	sw.
Benton.	Grafton.	4	59.6	.....	.....	85	28	32	10	38	1.84	.....	0.82	0	8	13	13	4	nw.
Bethlehem.	do.	1,470	21	59.6	- 3.9	86	27	33	8†	39	2.24	- 1.64	0.64	0	8	16	9	5	w.
Concord.	Merrimack.	350	53	63.1	- 1.3	91	27	37	9†	41	1.0	- 3.24	0.07	0	3	14	10	6	nw.
Durham.	Stafford.	88	18	63.0	- 1.3	91	27†	37	9	44	0.20	- 2.88	0.20	0	1	22	2	6	nw.
Franklin.	Merrimack.	440	14	64.2	+ 0.9	93	27	33	9	46	0.72	- 3.32	0.28	0	8	21	7	2	nw.
Grafton.	Grafton.	863	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	P. R. Kimball.
Hanover.	do.	603	79	62.8	- 2.2	90	27	32	10	44	0.94	- 2.46	0.33	0	9	9	15	6	sw.
Keene.	Cheshire.	506	28	63.5	- 1.4	91	16†	30	10	47	0.41	- 3.15	0.14	0	5	22	6	2	sw.
Nashua.	Hillsboro.	125	28	66.6	+ 0.3	92	16†	38	10	43	0.73	- 1.97	0.57	0	3	14	1	1	sw.
Newton.	Rockingham.	25	62.6	- 1.9	90	16†	35	10	46	0.28	- 2.70	0.18	0	3	15	13	2	sw.	
Plymouth.	Grafton.	500	25	61.8	- 2.4	89	16	32	10	46	0.99	- 2.44	0.33	0	5	17	3	10	w.
<i>Vermont.</i>																			Frank Dewing.
Bloomfield.	Essex.	6	59.7	.....	.....	86	28	31	10	46	1.82	.....	0.59	0	8	19	7	4	s.
Cavendish.	Windsor.	910	10	63.2	.....	92	27	29	9	47	0.52	.....	0.23	0	5	24	2	2	w.
Chelsea.	Orange.	840	18	60.0	- 1.3	94	27	27	10	45	1.80	- 0.59	0.55	0	7	15	11	4	n.
Manchester.	Bennington.	980	14	62.6	.....	85	27	35	9†	35	0.47	.....	0.41	0	3	21	8	1	sw.
Somerset.	Windham.	2,096	1	59.0	.....	85	27	27	9†	46	0.91	.....	0.51	0	5	18	8	4	sw.
St. Johnsbury.	Caledonia.	711	20	61.6	- 2.4	87	27	32	10	42	1.40	- 1.63	0.48	0	7	11	15	4	w.
Woodstock.	Windsor.	700	21	63.4	- 1.6	88	16†	32	9†	41	0.57	- 2.53	0.34	0	3	17	9	4	.....
<i>Massachusetts.</i>																			Lyman Falls Power Co.
Amherst.	Hampshire.	222	24	66.0	- 0.2	92	16	37	10	40	0.90	- 2.84	0.47	0	6	15	13	2	nw.
Blue Hill.	Norfolk.	640	29	62.3	- 2.0	87	16	42	10	31	3.20	+ 0.38	1.68	0	7	15	5	10	sw.
Boston.	Suffolk.	124	43	67.5	+ 1.7	91	16	47	10	30	0.64	- 2.39	0.34	0	5	17	9	4	sw.
Chestnut Hill.	do.	124	33	66.8	- 0.1	91	16†	45	10	35	0.04	- 2.23	0.38	0	5	26	0	4	.....
Clinton.	Worcester.	370	17	65.0	.....	86	16†	41	9	34	1.03	.....	0.53	0	3	14	12	4	s.
Concord.	Middlesex.	139	23	63.9	- 0.5	89	16	36	10	36	1.63	- 1.58	0.95	0	5	14	12	4	sw.
Fall River.	Bristol.	200	47	65.2	- 0.6	86	16	45	9†	27	1.05	- 1.21	0.35	0	6	15	13	2	sw.
Fitchburg.	Worcester.	550	30	66.3	- 0.3	91	16	41	10	37	0.44	- 2.39	0.27	0	3	22	4	4	w.
Framingham.	Middlesex.	160	33	66.3	- 0.8	90	16†	39	10	32	0.02	- 0.72	0.91	0	4	14	12	4	.....
Hyannis.	Barnstable.	31	62	63.4	- 2.5	86	16	43	10	30	0.87	- 1.44	0.40	0	6	20	4	4	sw.
Lawrence.	Essex.	51	29	65.9	+ 2.3	91	16	43	10	36	2.18	- 1.02	1.55	0	5	16	12	2	sw.
Lowell.	Middlesex.	100	28	67.4	+ 0.6	89	16†	41	10	35	2.12	- 0.17	1.89	0	4	17	8	5	sw.
Middleboro.	Plymouth.	53	27	63.6	- 0.4	88	16	37	10	35	1.17	- 1.47	0.48	0	6	9	13	8	sw.
Nantucket.	Nantucket.	47	27	60.7	- 0.6	78	14	47	6	24	1.59	- 0.82	0.70	0	6	17	8	5	sw.
New Bedford.	Bristol.	88	101	65.0	+ 1.0	89	16	44	10	32	0.63	- 2.47	0.25	0	4	22	4	4	sw.
Norfolk.	Norfolk.	244	10	63.6	.....	88	16†	33	9	45	1.41	.....	0.76	0	4	18 ^d	4 ^d	e.	
Plymouth.	Plymouth.	28	62.9	.....	.....	88	17	40	10	35	2.27	.....	0.63	0	5	25	3	2	sw.
Provincetown.	Barnstable.	40	26	63.2	- 0.6	82	28	47	10	32	1.47	- 1.19	0.65	0	6	25	5	5	sw.
Rockport.	Essex.	25	11	62.2	.....	86	16	45	13	31	2.02	.....	1.75	0	4	16	9	5	sw.
Rutland.	Worcester.	1,160	11	66.0	- 0.2	89	16†	38	10	37	0.67	- 2.64	0.49	0	4	14	12	4	.....
Turners Falls.	Franklin.	200	22	66.0	- 0.2	89	16†	38	10	37	0.67	- 2.64	0.49	0	4	14	12	4	.....
Westboro.	Worcester.	298	39	69.1	+ 1.5	92	16†	40	10	41	1.87	- 1.02	1.20	0	3	18	12	3	.....
Williamsstown.	Berkshire.	711	21	64.8	- 0.8	87	16†	35	10	38	0.87	- 2.48	0.36	0	6	15	12	3	nw.
Worcester.	Worcester.	513	21	66.4	- 0.5	90	30	43	9	28	2.14	- 0.82	1.10	0	5	20	6	4	sw.
<i>Rhode Island.</i>																			William Jennings.
Block Island.	Newport.	26	33	62.4	+ 0.8	81	17	48	9	26	0.73	- 1.14	0.30	0	6	17	6	7	sw.
Bristol.	Bristol.	53	27	64.0	- 0.8	83	14†	46	10	27	1.09	- 1.31	0.79						

TABLE 1.—Climatological data for June, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.			Departure from the normal.			Highest.			Lowest.						
				Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Total.	Greatest in 24 hours.	Total snowfall, unmetted.	
<i>New York.</i>																			
Addison.....	Steuben.....	1,000	23	65.6	- 0.5	96	30	30	10	46	5.23	+ 1.42	2.61	0	8	23	4	3	sw.
Albany.....	Albany.....	97	92	67.8	- 0.1	93	30	40	9	37	1.71	- 2.05	1.04	0	8	20	8	2	s.
Alfred.....	Allegany.....	1,978	18	62.2	- 2.0	90	27	28	9	43	1.16	- 1.89	0.70	0	8	25	2	3	w.
Amsterdam.....	Montgomery.....	277	9	65.2	- 1.1	92	30	33	9	41	1.11	- 0.38	0.54	0	7	17	11	2	nw.
Athens.....	Greene.....	90	11	67.2	+ 1.1	93	16	38	9	38	1.58	- 2.90	0.54	0	6	22	6	2	s.
Ballston Lake.....	Saratoga.....	400	9	63.6	- 0.2	89	30	33	9	42	0.91	- 0.38	0.38	0	6	16	11	3	George R. Schaeuber.
Bedford.....	Westchester.....	450	22	68.5	+ 1.9	99	16	40	10	40	1.25	- 2.26	0.50	0	8	25	2	3	Dr. L. Rosenberg.
Beerston.....	Delaware.....	1,214	1	62.4	- 1.2	91	16	22	9	47	2.35	- 1.34	0.81	0	8	25	2	3	John Q. Barlow.
Binghamton.....	Broome.....	875	23	63.6	- 2.6	90	30	31	9	40	0.81	- 2.78	0.38	0	9	11	11	2	sw.
Bouckville.....	Madison.....	1,350	16	63.0	- 0.1	88	25†	32	9	41	2.29	- 1.77	0.60	0	12	12	9	9	L. W. Griswold.
Boyd's Corners.....	Putnam.....	560	31	.....	.....	.....	.....	.....	.....	0.03	- 3.05	0.48	0	4	23	3	4	Thomas Manning.	
Carmel.....	.....	500	21	66.4	- 1.5	89	14†	40	10	39	0.88	- 3.03	0.34	0	5	23	5	2	Do.
Chatham.....	Columbia.....	470	12	66.1	+ 1.2	93	30	34	9	40	1.15	- 3.84	0.38	0	9	23	5	2	Morton R. Tank.
Cooperstown.....	Otsego.....	1,250	59	61.4	- 2.6	86	30	30	9	39	2.55	- 1.65	0.60	0	9	24	5	1	Miss Elizabeth Keese.
Corinth.....	Saratoga.....	542	11	.....	.....	.....	.....	.....	.....	1.10	- 0.48	0	4	23	3	4	Do.		
Cortland.....	Cortland.....	1,129	51	63.8	+ 0.9	90	25†	29	9	41	2.21	- 2.11	0.75	0	9	21	5	4	A. M. Hollister.
Cutchogue.....	Suffolk.....	32	14	67.6	+ 1.2	89	16†	46	9	33	0.75	- 2.39	0.33	0	4	19	11	0	F. G. Baker.
De Ruyter.....	Madison.....	1,300	10	60.2	- 1.3	87	25	29	9	40	2.78	- 1.34	0.67	0	11	20	3	7	William A. Fleet.
Elmira.....	Chemung.....	863	30	66.4	- 1.7	95	30	32	9	38	2.96	- 1.03	1.27	0	5	19	7	4	B. D. Crandall.
Glens Falls.....	Warren.....	340	22	66.5	0.0	92	30	35	9	45	1.19	- 2.76	0.46	0	7	19	3	8	Thurber A. Brown.
Gloversville.....	Fulton.....	850	21	64.0	- 0.6	88	30	34	9	44	1.63	- 2.70	0.56	0	7	23	5	2	Prof. C. L. Williams.
Greenfield Center.....	Saratoga.....	314	15	64.6	- 1.0	90	30	32	9	41	1.11	- 2.58	0.46	0	5	22	6	2	W. L. McLean.
Greenwich.....	Washington.....	425	16	67.8	- 2.4	94	30	35	8	41	0.88	- 2.45	0.43	0	4	22	7	1	S. E. Darow.
Haskinville.....	Delaware.....	2,260	13	.....	.....	.....	.....	.....	.....	3.97	+ 0.40	0.93	0	7	.....	.....	.....	.....	Harold O. Judd.
Homer.....	Cortland.....	1,098	23	.....	.....	.....	.....	.....	.....	1.21	- 0.73	0	4	.....	.....	.....	.....	W. G. Collins.	
Hoosick Falls.....	Rensselaer.....	410	11	.....	.....	.....	.....	.....	.....	1.21	- 3.72	1.18	0	5	21	5	4	Charles C. Mortimer.	
Indian Lake.....	Hamilton.....	1,705	14	59.8	- 0.7	87	25†	26	10	50	4.38	- 4.20	0.74	0	4	25	4	1	Sanford L. Cluett.
Jeffersonville.....	Sullivan.....	1,240	10	64.8	- 1.2	91	16	33	10	43	1.20	- 2.56	0.77	0	4	16	14	0	Lester Sevier, Jr.
Liberty.....	.....	2,300	31	59.6	- 3.4	85	16†	34	2	40	1.47	- 3.38	0.67	0	4	24	3	3	Charles W. Willert, Jr.
Little Falls.....	Herkimer.....	924	15	63.6	- 0.1	90	30	33	9	37	1.53	- 3.11	0.55	0	6	26	1	3	O. J. Dempster.
Mohonk Lake.....	Ulster.....	1,245	17	66.8	+ 2.1	88	16†	39	9	27	1.85	- 2.21	1.30	0	2	21	8	1	Daniel Smiley.
Morehouseville.....	Hamilton.....	1,697	5	57.8	- 0.6	85	25	24	9	46	2.70	- 1.40	0	4	26	2	2	Theo. C. Remonda.	
Morrisville.....	Madison.....	1,325	1	.....	.....	.....	.....	.....	.....	1.70	- 0.48	0	4	24	2	4	Prof. L. M. Charlton.		
Mount McGregor.....	Saratoga.....	1,060	1	64.8	- 1.1	87	30	38	9	28	0	.....	0	4	21	5	4	W. S. Stanton.	
Mount Hope.....	Westchester.....	200	16	71.0	+ 2.9	99	16	47	9	42	1.37	- 2.56	0.77	0	4	16	14	0	W. A. Cornelius.
Newark Valley.....	Tioga.....	825	26	.....	.....	.....	.....	.....	.....	1.14	- 2.72	0.49	0	6	.....	.....	.....	.....	Lyman D. Clinton.
New Berlin.....	Chemango.....	1,090	6	.....	.....	.....	.....	.....	.....	1.28	- 0.42	0.42	0	6	.....	.....	.....	.....	Chas. F. Sarle.
New Lisbon.....	Otsego.....	1,234	23	59.7	- 1.9	87	16	25	9	42	0.55	- 1.80	0.80	0	6	17	7	6	G. A. Yates.
New York City.....	New York.....	314	88	69.2	+ 0.7	91	16	47	9	30	1.43	- 1.83	0.77	0	4	13	11	6	U. S. Weather Bureau.
North Creek.....	Warren.....	1,002	5	64.4	- 0.6	85	16†	36	10	38	0.94	- 0.60	0	3	25	4	1	W. G. Kenwell.	
Northville.....	Fulton.....	742	11	.....	.....	.....	.....	.....	.....	1.70	- 0.48	0	4	26	2	2	P. C. Pickard.		
Oneonta.....	Otsego.....	1,112	19	65.3	+ 0.2	95	16	30	10	48	1.11	- 2.85	0.54	0	4	24	2	4	H. W. Lee.
Oxford.....	Chemango.....	916	48	62.8	- 1.3	88	16†	32	9	41	1.21	- 2.89	1.01	0	4	18	11	1	J. P. Davis.
Oyster Bay.....	Nassau.....	40	9	.....	.....	.....	.....	.....	.....	1.72	- 0.47	0.47	0	7	.....	.....	.....	.....	Prof. Thos. Colby.
Port Jervis.....	Orange.....	470	29	68.6	+ 1.2	94	16	36	9	43	1.57	- 2.46	0.91	0	5	22	7	1	W. H. Nearpass.
Roslyn.....	Nassau.....	215	1	68.2	- 1.4	93	14	42	10	38	1.45	- 3.47	0.70	0	5	23	5	2	C. H. Hechler.
Salisbury.....	Herkimer.....	1,526	16	60.4	- 2.1	84	25†	26	9	37	1.47	- 3.86	0.44	0	5	25	4	1	Joseph Ryan.
Seardsdale.....	Westchester.....	200	9	67.8	- 0.9	90	16	43	10	32	1.10	- 0.60	0	6	29	1	0	C. H. Wilmarth.	
Setauket.....	Suffolk.....	40	28	66.6	+ 0.2	89	16	46	11	31	0.90	- 1.91	0.28	0	6	20	6	4	Seiah B. Strong.
Sherburne.....	Chemango.....	6	.....	.....	.....	.....	.....	.....	.....	1.72	- 0.47	0.47	0	7	.....	.....	.....	.....	D. G. Trow.
Southampton.....	Suffolk.....	36	12	65.0	+ 1.1	86	14	46	9†	34	1.03	- 2.09	0.45	0	6	18	12	0	W. L. Jagger.
Southeast Reservoir.....	Putnam.....	310	18	.....	.....	.....	.....	.....	.....	1.14	- 3.21	0	6	.....	.....	.....	.....	Thomas Manning.	
South Edmiston.....	Otsego.....	1,300	1	61.9	- 0.6	90	16	28	9	47	2.11	- 0.56	0.56	0	6	21	6	3	F. H. Bilderbeck.
Spier Falls.....	Saratoga.....	400	12	64.9	+ 1.0	95	27	32	8	43	0.54	- 3.42	0.40	0	3	12	14	4	George E. Fifield.
Trenton Falls.....	Onondaga.....	751	10	.....	.....	.....	.....	.....	.....	2.34	- 0.84	0.84	0	8	.....	.....	.....	.....	C. W. Young.
Tribe Hill.....	Montgomery.....	268	10	.....	.....	.....	.....	.....	.....	1.70	- 1.20	0.40	0	4	12	8	3	R. S. Marshall.	
Utica.....	Oneida.....	537	47	.....	.....	.....	.....	.....	.....	1.92	- 2.23	0.38	0	9	.....	.....	.....	.....	W. E. Young.
Wading River.....	Suffolk.....	112	7	66.2	- 1.0	93	16	40	11	39	0.86	- 2.57	0.57	0	3	25	5	0	H. B. Fullerton.
Wappingers Falls.....	Dutchess.....	110	23	67.4	- 1.0	90	16	41	10	32	1.72	- 2.73	0.75	0	6	23	6	1	H. C. Townsend.
Warwick.....	Orange.....	538	19	.....	.....	.....	.....	.....	.....	2.22	- 1.46	1.62	0	5	22	6	2	John W. Sly.	
Waverly.....	Tioga.....	824	31	67.6	+ 1.2	95	16	28	9	47	1.47	- 0.37	0.81	0	6	12	14	4	J. F. Shoemaker.
West Berne.....	Albany.....	946	14	63.1	- 1.7	88	15	30	9	48	2.89	- 0.45	0.97	0	5	19	8	3	W. J. Haverly.
West Point.....	Orange.....	167	64	71.4	+ 1.9	96	16	45	10	36	1.34	- 2.17	0.52	0	4	16	11	3	U. S. Military Acad.
Windham.....	Greene.....	1,520	13	63.4	+ 0.6	87	16	31	10	43	2.32	- 1.90	1.03	0	7	17	11	2	A. R. Mott.
<i>Pennsylvania.</i>																			
Altoona.....	Blair.....	1,181	25	67.4	+ 1.0	91	16	34	9</										

TABLE 1.—Climatological data for June, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unsettled.	Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
Pennsylvania—Contd.																		
Philadelphia.	Philadelphia.	117	42	72.5	+ 1.3	96	16	47	9	29	2.15	- 1.15	1.64	0	8	10	12	s.
Reading.	Berks.	280	40	71.2	+ 1.4	95	16	43	9	34	1.21	- 2.42	0.84	0	7	15	7	n.
Scranton.	Lackawanna.	805	13	67.5	+ 0.3	91	16	39	9	37	1.34	- 2.23	0.63	0	8	18	9	nw.
Selinsgrove.	Snyder.	455	25	68.6	- 1.0	95	16	33	10	46	4.07	+ 0.07	1.30	0	9	0	27	sw.
Spring Mount.	Montgomery.	155	24															James F. Smith.
State College.	Center.	1,191	25	68.0	+ 1.1	90	16†	31	10	37	2.83	- 1.01	0.57	0	7			w.
Stroudsburg.	Monroe.	425	3	68.4		91	16	35	10	47	0.95		0.53	0	8	20	9	sw.
Towanda.	Bradford.	754	18	65.0	- 1.2	91	16	32	9	40	1.96	- 1.90	1.03	0	10	24	3	nw.
West Chester.	Chester.	455	59	71.3	+ 1.8	95	16	41	9	31	2.03	- 2.13	1.25	0	7	17	9	nw.
Williamsport.	Lycoming.	530	23	69.6	+ 0.6	95	16	37	9†	37	1.18	- 2.54	0.57	0	7	25	1	nw.
New Jersey.																		
Asbury Park.	Monmouth.	22	25	67.8	- 0.4	96	16	46	10	33	2.06	- 1.74	1.31	0	4	15	8	s.
Atlantic City.	Atlantic.	16	40	67.0	+ 0.2	92	17	46	10	32	2.41	- 0.62	1.15	0	5	12	9	sw.
Bayonne.	Hudson.	50	23	69.9	+ 0.2	94	16	46	10	34	2.40	- 1.24	1.29	0	5	19	10	s.
Belvidere.	Warren.	239	23	70.0	+ 1.0	96	16	39	10	47	1.23	- 3.17	0.78	0	3	29	1	se.
Bergen Point.	Hudson.	37	16	69.4	+ 0.6	92	16	48	9	32	2.16	- 1.79	1.18	0	4	8	22	0
Boonton.	Morris.	230	23															Joseph White.
Bridgeton.	Cumberland.	39	32	71.5	- 1.9	97	16	43	9	39	1.73	- 2.04	0.64	0	6	17	5	sw.
Burlington.	Burlington.	12	27	70.4		96	16	46	9†	36	1.87	- 2.05	0.90	0	4	23	6	nw.
Cape May City.	Cape May.	17	35	68.0	+ 0.3	92	17	46	9	31	2.36	- 0.68	0.33	0	10	11	16	s.
Charlottetown.	Passaic.	719	21	66.2	+ 0.7	92	16	31	9	43	1.93	- 2.33	1.66	0	3	21	9	nw.
Chatham.	Morris.	234	11															M. A. Butler.
Clayton.	Gloucester.	136	20	70.0	- 1.4	95	16	40	11	40	2.56	- 0.84	0.93	0	6	25	4	w.
Culvers Lake.	Sussex.	848	12															Brice E. Riker.
Dover.	Morris.	600	29	66.6*	- 0.6	92 ^a	16	37*	9	39	1.42	- 2.70	0.95	0	5	11	14	se.
Elizabeth.	Union.	45	34	69.4	- 1.8	94	16	38	10	39	2.23	- 1.37	1.04	0	4	20	9	1
Flemington.	Hunterdon.	140	25	70.4	+ 1.3	95	16	42	9	42	1.72	- 3.15	0.75	0	4	25	5	sw.
Haddonfield.	Camden.	75	26	70.0	- 0.7	93	16	45	9	35	2.03	- 1.58	1.27	0	7	11	12	sw.
Hightstown.	Mercer.	119	21	67.2	- 2.2	95	16	35	9	44	1.30	- 2.71	0.70	0	4	18	9	w.
Hightwood.	Bergen.	90	26	67.3	- 1.0	93	16	37	10	38	1.33	- 2.45	0.69	0	3	18	3	s.
Imlaystown.	Monmouth.	107	25	69.0	- 1.8	96	16	43	10	42	1.19	- 2.79	0.49	0	5	19	6	sw.
Indian Mills.	Burlington.	76	24	70.3	- 0.7	98	16	43	9	44	1.03	- 2.76	0.76	0	5	17	12	s.
Jersey City.	Hudson.	10	15	71.6	+ 1.6	95	16	47	10	34	1.59	- 1.71	0.78	0	4	19	6	s.
Lakewood.	Ocean.	54	11	68.2*	- 0.1	95	16	43	10	40				0	4	28	1	w.
Layout.	Sussex.	550	14	66.1	- 0.2	92	16	31	10	47	1.12	- 2.30	0.54	0	4			A. Sweetman.
Little Falls.	Passaic.	175	11															Wm. D. Martin, Jr.
Long Branch.	Monmouth.	30	6	66.2		95	16	47	11	39	1.32	- 3.03	1.35	0	4	21	7	s.
Mahwah.	Bergen.	312	11															Charles L. Barker.
Moorestown.	Burlington.	75	51	70.3	+ 0.1	95	16	42	9	36	2.33	- 1.47	0.80	0	6	23	6	sw.
Newark.	Essex.	159	70	71.7	+ 2.6	95	16	47	9	35	3.29	- 0.34	2.25	0	3	23	5	sw.
New Brunswick.	Middlesex.	100	60	68.9	- 0.7	95	16	41	10	37	1.35	- 2.42	1.08	0	3	18	9	s.
Newton.	Sussex.	678	34	69.2	+ 1.5	94	16	38	9	39	0.82	- 2.96	0.63	0	4	17	6	w.
Northfield.	Atlantic.	25	6															William L. Flick.
Paterson.	Passaic.	80	42	70.2	+ 0.1	95	16	45	10	36	2.04	- 2.28	1.66	0	3	11	19	s.
Phillipsburg.	Warren.	363	23	70.5	+ 0.8	95	16	41	10	39	1.44	- 2.71	0.56	0	5	20	0	sw.
Plainfield.	Union.	100	27	69.6	+ 0.3	95	16	43	10	41	1.32	- 2.81	0.92	0	4	17	10	s.
Pleasantville.	Atlantic.	26	15															Lincoln Van Gilder.
Pompton Plains.	Morris.	195	11															M. S. Taylor.
Somerville.	Somerset.	60	30	69.4	+ 0.2	95	16	43	9†	41	1.41	- 2.74	0.86	0	4	24	4	sw.
South Orange.	Essex.	200	43	69.0	+ 0.2	92	16	46	9	33	1.23	- 1.43	1.20	0	4	24	2	w.
Sussex.	Berkley.	442	23	68.6*	+ 1.0	92 ^a	16	35*	10	45	1.48	- 2.25	0.84	0	3	21	7	sw.
Trenton.	Hardy.	63	42	70.6	- 0.7	94	16	44	9	34	0.68	- 3.20	0.48	0	5	14	10	n.
Tuckerton.	Ocean.	23	20	68.7	- 0.3	97	16	39	10	38	3.40	- 0.37	0.95	0	7	19	10	se.
Vineland.	Cumberland.	118	44	70.8	- 1.0	98	16	43	9†	41	1.93	- 1.65	0.77	0	8	17	13	nw.
Woodbine.	Cape May.	43	22	68.9	- 0.1	95	16	40	10	37	1.80	- 1.70	0.70	0	8	28	1	sw.
West Virginia.																		Alfred Chalmers.
Bayard.	Grant.	2,500	11	65.4	+ 2.0	91	30	29	10	43	4.05	- 1.11	1.22	0	10	20	7	w.
Burlington.	Mineral.	875	19	68.7	+ 0.6	93	16†	34	10	40	3.97	- 0.21	1.40	0	7	15	13	w.
Franklin.	Pendleton.	7																Solomon Clark.
Lost City.	Hardy.	7																J. W. Vandiver.
Martinsburg.	Berkeley.	435	21	73.0	+ 2.4	99	16	41	10†	39	2.10	- 2.18	0.47	0	9	19	6	sw.
Moorefield.	Hardy.	900	18	70.9	+ 1.9	94	16	38	10	31	1.11	- 1.30	0.75	0	11	13	4	sw.
Romney.	Hampshire.	824	17															E. F. Staub.
Upper Tract.	Pendleton.	1,230	15	67.8	- 0.2	92	16†	32	10	44	3.02	- 1.63	1.10	0	6	5	22	w.
Maryland.																		J. M. Mallow.
Annapolis.	Anne Arundel.	45	41	73.7	- 0.2	99	16	49	11	38	2.48	- 2.04	1.00	0	6	20	1	s.
Baltimore.	Baltimore.	115	43	73.7	+ 0.7	97	16	46	9	26	1.47	- 2.37	0.77	0	6	12	12	s.
Cambridge.	Dorchester.	25	15	72.8	- 0.6	100	16	43	11	38	1.86	- 2.72	0.55	0	7	15	13	ne.
Cheltenham.	Prince George.	230	13	71.2	+ 0.9	94	16†	41	10†	33	1.81	- 3.02	0.70	0	6	21	3	nw.
Chestertown.	Kent.	80	27	72.0	+ 1.0	96	16	45	9†	40	2.63	- 1.35	1.02	0	4	18	11	s.
Chewystown.	Washington.	530	16	69.9	+ 0.6	96	16	34	10	41	1.64	- 3.10	0.83	0	9	15	14	sw.
Clear Spring.	Howard.	650	15	69.4	+ 1.2	93	16	40	10	31	2.47	- 1.93	0.70	0	8	17	11	e.
Coleman.	Kent.	80	13	72.4	+ 1.2	97	16	47	10	33	1.33	- 2.06	0.55	0	5	20	6	sw.
College Park.	College Park.	170	22	71.7	+ 0.9	100	16	38	11†	47	1.92	- 2.55	0.73	0	8	10	14	n.
Cumberland.	Allegany.	623	39	72.6		98	16†	39	10	36	3.16	- 0.49	0.99	0	11	20	6	w.
Darlington.	Harford.	300	22	70.9	+ 0.6	97	16	42	9†	37	2.59	- 1.05	1.08	0	6	18	10	sw.
Denton.	Caroline.	42	18	71.2	- 0.2	96	16	42	9									

TABLE 1.—Climatological data for June, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.		
<i>Maryland—Continued.</i>																	
Leonardtown.	St. Marys.	100	3	72.8	—	98	16†	43	11	41	1.74	—	0.48	0	6	19	s.
Monrovia.	Frederick.	630	28	71.2	— 0.5	97	16	39	10	34	0.96	— 3.40	0.28	0	8	21	J. H. Lawson.
Pocomoke City.	Worcester.	37	20	71.9	— 0.8	95	17	46	1†	31	3.21	— 0.22	1.27	0	5	5	Hon. R. M. Stevenson.
Porto Bello.	St. Marys.	38	9														Mrs. Clara C. Hyatt.
Princess Anne.	Somerset.	17	20	70.0	— 0.3	93	17†	41	11	36	2.64	— 0.75	0.62	0	8	10	J. R. Stewart.
Rockville.	Montgomery.	421	6														Dr. G. E. Lewis.
Salisbury.	Wicomico.	23	8	72.0		98	17†	41	11	39	2.70		1.43	0	8	17	sw.
Solomons.	Calvert.	20	22	74.2	+ 1.0	96	16	51	9	30	1.00	— 2.46	0.40	0	7	4	Dr. W. H. Marsh.
State Sanatorium.	Frederick.	1,460	6	70.9		92	16†	40	9	32	1.62		0.60	0	5	21	Superintendent.
Sudlersville.	Queen Anne.	65	15	72.1	+ 1.2	96	16	42	11	38	3.34	— 0.66	1.05	0	7	19	Henry L. Higman.
Takoma Park.	Montgomery.	320	15	70.8	+ 0.7	94	16	44	9	29	1.71	— 3.34	0.80	0	8	2	L. M. Moore.
Towson.	Baltimore.	465	5	71.8		98	16	42	10	36	0.78		0.41	0	6	21	C. W. E. Treadwell.
Van Bibber.	Harford.	100	16	71.3	+ 1.3	97	16	39	11	40*	2.29	— 1.65	0.72	0	6	20	W. Benj. Ford.
Westernport.	Allegany.	1,000	19	70.7	+ 1.6	94	15†	36	10	42	2.93	— 0.99	0.90	0	10		Prof. O. H. Bruce.
Westminster.	Carroll.	860	20	72.04	+ 2.9	96	16	38	10	37d	1.80	— 3.36	1.33	0	5	17d	Prof. G. F. Morelock.
Woodstock.	Baltimore.	392	43	74.8	+ 3.9	96	16†	47	11	28	1.50	— 2.15	0.85	0	8	19	Rev. J. F. Dawson, S. J.
<i>Delaware.</i>																	
Delaware City.	New Castle.	10	6	72.4		96	16	46	11	32	1.27	— 2.99	0.63	0	3	25	H. Morton Price.
Dover.	Kent.	40	25	71.8	— 0.8	96	16	45	11	37	3.78	+ 0.42	1.03	0	9	14	W. C. Josting.
Milford.	do.	20	29	71.6	— 0.6	95	16†	44	11	36	3.04	— 0.62	0.65	0	8	17	C. J. Holzmueller.
Millsboro.	Sussex.	20	21	70.0	— 1.0	95	16	43	11	33	2.59	— 1.05	1.21	0	6	24	Rev. L. W. Wells.
Seaford.	do.	40	22	70.2	— 0.8	94	16†	43	11	36	2.32	— 1.60	0.84	0	7	24	E. B. Brown.
Wilmington.	New Castle.	86	2	74.0		98	16	49*	10†	34*	1.33	— 2.59	0.38	0	7	22a	Alex. J. Taylor.
<i>District of Columbia.</i>																	
Washington.	Dist. of Columbia.			72.8	+ 0.1	96	16	45	11	30	1.81	— 2.37	0.75	0	10	14	U. S. Weather Bureau.
<i>Virginia.</i>																	
Culpeper.	Culpeper.	450	5	70.8		93	27	41	11	29	3.21		0.66	0	8	16	Col. H. C. Burrows.
Dale Enterprise.	Rockingham.	1,350	34	70.0	— 0.5	97	16	35	10†	44	6.16	— 0.45	2.32	0	12	9	Rev. L. J. Heatwole.
Eastville.	Northampton.	15	3	72.4	— 2.1	94	16†	49	10	34	5.46	+ 2.44	1.90	0	9	13	T. B. Robertson.
Fredericksburg.	Spotsylvania.	100	24	71.6	— 0.9	96	21	42	11	30	3.35	— 1.62	1.79	0	8	20	S. G. Howison.
Lincoln.	Loudoun.	500	12	71.2	+ 0.9	96	16	39	9†	34	0.95	— 5.60	0.52	0	4	11	Dr. George Roberts.
Mount Weather.	do.	1,726	9	67.7	+ 0.1	89	16	36	9	23	1.90	— 2.90	0.58	0	10	11	U. S. Weather Bureau.
Quantico.	Prince William.	16	16	71.3	— 0.3	94	16	42	10	37	2.20		0.84	0	8	22	Richmond, Fredericksburg & Potomac Railroad.
Staunton.	Augusta.	1,380	21	71.2	+ 0.8	95	21	37	10	36	3.51	— 1.31	1.28	0	12	8	Ernest Nothnagel.
Swetnam.	Fairfax.	300	1									2.14		0	7	22	Potomac Electric Power Co.
Warsaw.	Richmond.	160	21	72.2	— 0.8	98	21	38	9	34	3.30	— 0.87	1.30	0	5	12	C. H. Constable.
Winchester.	Frederick.	717	2	72.9		95	16	42	10†	31	1.82		1.19	0	6	19	Bentley Kern.
Woodstock.	Shenandoah.	927	17	70.8	+ 0.5	96	21	36	10	37	6.44	+ 1.58	2.23	0	11	15	Mrs. A. G. Artz.

*, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for June, 1913. District No. 1, North Atlantic States.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for June, 1913. District No. 1—Continued.*

Stations.	Watershed.	Day of month.																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total.	
<i>Pennsylvania.</i>																																	
Allentown ||.	Lehigh.							.16													.69	T.										2.00	
Altoona.	Susquehanna.	.18	.01					.01													.23		.12	.22	.03							1.96	
Ansonia ||.	do.							.03													.12	.26										2.47	
Austin.	do.	.40						.30													.15		.05									1.95	
Bethlehem.	Lehigh.							.19													.26	.94	.04									1.81	
Bloserville.	Susquehanna.	T.	.05	T.				.04												.10	.30	.04									1.04		
Browers Lock.	Schuylkill.							.04													.15		.15	.13	.10	.05					2.93		
Catawissa.	Susquehanna.	.01	.02	.17				.07												.28		.22	.46	.14							1.75		
Center Hall.	do.																				.15		.23	.40								3.26	
Coatesville.	Coast.																				T.	.13										2.12	
Doylestown.	Schuylkill.							.45																								1.95	
Drifton.	Susquehanna.							.35												T.		.05	.50	.17							2.37		
Emporium.	do.	.08						T.													.74		.21	.57	.32							2.94	
Ephrata.	Junata.							.13												T.			.88	T.							1.60		
Everett.	Junata.	.03						.25												T.			.20	.45							2.21		
Forks of Neshaminy.	Delaware							.34																.64									1.88
George School.	do.							10															.09	.27									1.29
Gettysburg.	Potomac.							.01												T.		.31	T.									1.39	
Girardsville.	Susquehanna.	.06	.02					.14												T.		.16	.06	.33	S2	.04					2.00		
Gordon.	do.	T.		.29				.23														.37		.87	.27							2.04	
Hamburg.	Schuylkill.																															1.51	
Hanover.	Susquehanna.							.01																								0.67	
Harrisburg.	do.	.01	.01	T.				.03														.02	.37	.01		.02	.11	.38	T.		1.07		
Huntingdon.	Huntingdon.	.05						.12													.26			.35	.37						3.18		
Hyndman.	Potomac.							.28												T.											1.25		
Kennett Square.	Coast.							.15																								1.55	
Lancaster.	Susquehanna.							.20																								2.35	
Lansdale.	Schuylkill.																															1.74	
Lawrenceville.	Susquehanna.							T.																								2.00	
Lebanon.	do.							.05																								0.66	
Le Roy.	do.	.02						.11													.02		.01	.73	.11	.01						1.16	
Lewisburg.	do.							.42												T.		.20	.04	.24	.49						2.97		
Lloyd.	do.							.27												T.		.12	T.									3.00	
Lock Haven.	do.	.20						.47												T.		.06	*	.39	.25	.14						3.83	
Marion.	Potomac.	.04						.12												T.											1.35		
Mauch Chunk.	Lehigh.							.07												T.											1.84		
Mifflintown.	Junata.							.28												T.											2.15		
Milford.	Delaware.	.10						.43												T.											1.44		
Montrose.	Susquehanna.	.10						.60												T.											2.05		
Mountain House.	Junata.							.15												T.											1.53		
Mount Gretna.	Susquehanna.							T.											T.											0.81			
New Germantown.	do.							.02											T.											0.83			
Ottsville.	Delaware.	.02						.39											T.											2.02			
Philadelphia.	do.							.05											T.											2.15			
Point Pleasant.	Schuylkill.	.86						.08											T.		.05									1.39			
Pottsville.	do.	T.						.05											T.		.01									1.78			
Reading.	do.							.37											T.		.47									1.21			
Renovo ||.	Susquehanna.	.10						.06											T.											2.07			
Scranton.	do.	.04	.01	T.				.37											T.											1.34			
Seisholtsville.	Schuylkill.							.06											T.											1.18			
Selinsgrove.	Susquehanna.							1.30											T.		.66	.10								4.07			
Shawmont.	Schuylkill.							.05											T.											1.58			
Shippensburg ||.	Susquehanna.							.13											T.											1.00			
Smiths Corners.	Schuylkill.							.18											T.											0.95			
Spring Mount.	do.							.13											T.											1.01			
State College.	Susquehanna.							.60											T.											2.83			
Stroudsburg.	Delaware.	.08						.05											T.											0.95			
Sunbury.	Susquehanna.	T.						.22											T.											2.48			
Towanda.	do.	.08						.10											T.											1.96			
Weikert.	do.	.02						.19											T.											2.04			
West Chester.	Coast.							.14											T.											2.03			
Wilkes-Barre ||.	Susquehanna.	.03						.42											T.											2.78			
Williamsport.	do.	.04						.10											T.											1.78			
<i>New Jersey.</i>																																	
Asbury Park.	Coast.																															2.06	
Atlantic City.	do.																															2.41	
Bayonne.	do.	.01																														2.40	
Belvidere.	Delaware.																															1.23	
Bergen Point.	Coast.	.05						T.																								2.16	
Boonton.	Passaic.	.01						T.																							1.33		
Bridgeport.	Cumberland.							.22																							1.73		
Burlington.	Delaware.							T.																							1.87		
Cape May City.	Coast.	.10						.3																									

TABLE 2.—*Daily precipitation for June, 1913. District No. 1—Continued.*

* Not measured.

† Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

II Precipitation for the 24 hours ending on the morning when it is measured.
T Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1913. District No. 1, North Atlantic States.*

Date.	Maine.												Massachusetts.								Connecticut.							
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.		Concord, N. H.		Amherst.		Boston.		Middleboro.		Nantucket.		Providence, R. I.		Cream Hill.		Hartford.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	59	43	68	35	67	46	76	43	81	42	82	44	80	57	77	42	70	52	75	51	77	54	79	52
2....	66	50	68	53	71	54	66	48	71	47	76	52	77	63	75	59	68	53	72	53	75	58	75	58
3....	66	47	74	43	70	52	76	41	79	39	78	44	75	57	74	46	68	52	72	51	73	50	76	52
4....	64	45	74	51	63	59	69	51	73	54	80	56	73	56	71	58	62	51	72	56	77	49	80	62
5....	62	47	73	49	69	51	75	50	77	47	79	48	71	56	73	46	63	47	75	52	72	51	78	63
6....	63	45	74	43	69	53	78	48	78	49	77	53	78	55	71	49	59	47	72	50	68	53	74	52
7....	68	47	74	54	82	55	74	54	82	54	85	54	86	57	80	58	63	55	83	60	82	50	85	56
8....	60	46	74	43	62	48	60	45	61	45	65	48	61	50	66	48	58	47	66	52	61	42	65	50
9....	59	44	61	41	61	46	57	38	61	37	62	42	61	48	63	46	57	45	61	47	58	36	61	46
10....	69	44	71	34	67	46	70	38	71	37	72	37	72	47	70	37	63	52	69	46	66	38	71	42
11....	80	50	81	47	83	55	80	48	81	42	79	44	82	55	79	49	66	52	79	52	76	44	78	49
12....	61	46	82	51	67	52	67	54	72	46	82	48	74	53	75	44	71	49	77	50	83	47	83	55
13....	57	44	70	43	59	49	74	52	83	42	81	46	77	51	70	42	62	48	65	48	78	60	76	50
14....	67	47	72	49	78	51	72	51	81	54	87	56	85	60	85	54	85	55	82	54	86	57	86	57
15....	66	49	74	38	66	51	76	42	80	44	83	49	75	59	79	48	70	55	73	56	75	53	79	57
16....	63	48	78	53	88	56	85	56	90	59	92	62	91	61	88	57	75	58	89	61	87	57	90	63
17....	72	57	82	58	72	57	66	53	78	55	84	58	83	62	84	63	76	61	82	64	83	62	82	62
18....	70	49	74	45	70	52	72	50	74	47	78	46	70	56	76	45	66	51	73	55	75	46	75	55
19....	68	46	77	42	70	50	74	44	75	42	74	46	72	57	76	43	67	51	75	56	69	52	74	54
20....	59	46	77	62	60	55	60	55	68	54	68	55	68	57	65	60	55	71	57	71	53	72	60	
Mns..	65.3	47.4	75.9	46.7	71.3	53.1	73.4	49.3	77.2	49.0	80.1	51.9	77.3	57.7	76.0	51.2	68.1	53.3	76.0	55.7	76.2	52.9	78.9	56.4
Date.	New Haven Conn.		New York.												Pennsylvania.												Atlantic City, N. J.	
			Addison.		Albany.		Binghamton.		Indian Lake.		Little Falls.		New York.		Everett.		Harrisburg.		Philadelphia.		Scranton.		State College.		Wellsboro.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	78	55	80	44	81	52	80	45	75	36	80	46	79	60	83	48	82	56	83	65	81	49	80	51	71	62		
2....	76	60	76	51	73	55	69	50	72	45	69	52	77	64	84	51	76	64	70	53	76	55	70	60	77	62		
3....	74	55	85	43	79	47	81	44	76	32	78	45	73	59	84	51	82	56	84	60	82	48	82	50	72	64		
4....	79	58	76	52	73	58	69	50	72	49	69	55	78	65	79	55	80	63	84	74	77	56	76	47	67	59		
5....	77	54	77	41	78	51	71	42	75	34	70	44	76	57	73	46	76	59	77	61	74	46	76	47	71	60		
6....	70	53	69	44	80	54	82	48	79	34	80	48	70	58	83	47	82	56	82	58	83	52	81	56	67	55		
7....	83	58	76	58	79	53	75	49	78	50	75	52	80	58	81	60	79	57	82	51	82	58	73	62	84	53		
8....	67	49	59	37	62	47	50	38	57	35	55	38	66	49	70	39	64	48	70	51	58	43	68	42	64	53		
9....	64	46	61	31	62	40	55	31	55	27	60	33	61	47	61	47	61	44	65	47	57	39	59	35	59	46		
10....	72	44	75	30	72	44	65	35	68	26	68	36	70	49	67	32	71	48	70	51	68	42	70	34	63	46		
11....	79	49	80	37	80	17	74	40	75	45	74	47	76	52	74	35	78	47	79	54	76	44	78	41	68	52		
12....	82	55	84	38	81	60	78	45	81	48	74	48	83	57	81	46	84	58	83	60	82	50	74	54	74	54		
13....	68	52	87	42	83	56	80	47	80	37	81	48	70	56	81	49	86	57	79	56	85	54	82	51	63	57		
14....	88	56	88	52	87	61	76	54	79	45	79	60	89	59	86	55	91	65	92	63	84	60	86	61	89	57		
15....	74	60	92	51	84	52	86	46	83	33	87	50	79	64	91	56	91	68	90	70	93	53	90	58	74	65		
16....	92	62	95	61	92	65	90	66	86	60	86	63	91	65	92	62	96	71	96	69	91	69	90	62	90	66		
17....	84	66	86	56	83	59	75	57	81	52	77	59	87	69	86	65	89	72	92	76	82	63	85	68	82	69		
18....	72	56	78	44	75	52	74	44	72	32	67	43	73	60	83	54	80	64	77	60	76	54	80	53	72	60		
19....	70	54	80	42	72	51	76	47	72	33	71	47	69	59	84	52	81	58	80	58	81	54	83	58	68	59		
20....	77	61	88	51	68	59	75	63	70	52	65	55	84	61	91	66	84	64	84	68	84	64	88	63	74	63		
21....	85	65	82	63	82	65	75	61	75	50	70	59	81	65	90	60	83	63	84	68	77	66	76	64	89	65		
22....	82	63	80	42	81	60	75	53	72	43	75	46	80	65	83	58	81	65	80	68	77	66	79	56	74	66		
23....	79	60	86	47	83	55	82	46	83	38	80	50	77	64	86	62	73	62	75	67	84	54	75	53	68	64		
24....	78	60	90	51	87	63	86	54	85	41	84	58	78	64	81	62	83	65	78	65	85	57	86	60	70	64		
25....	77	60	92	56	87	65	85	60	87	44	86	58	84	60	80	65	85	68	88	67	82	64	84	64	73	64		
26....	67	59	84	63	78	64	79	66	85	60	79	60	73	59	76	65	78	68	81	65	78	78	80	65	71	65		
27....	85	64	88	64	87	68	85	68	87	64	85	65	84	64	88	64	92	68	88	68</								

TABLE 3.—Maximum and minimum temperatures at selected stations for June, 1913. District No. 1—Continued.

Date.	New Jersey.								Martinsburg, W. Va. ^{\$\$}	Maryland.								Millsboro, Del.	Washington, D. C.	Virginia.									
	Bridge-ton.		Phillips-burg.		Sussex.		Trenton.			Balti-more.		Darling-ton.		Fred-erick.		Western-port.					Freder-icksburg.		Staun-ton. ^{\$\$}		Wood-stock.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.				
1....	86	56	84	51	82	47	82	58	87	54	85	63	80	53	87	53	88	48	83	56	85	55	83	53	84	54	85	54	
2....	79	65	79	51	77	60	79	60	84	64	79	67	81	62	80	65	82	59	79	62	81	63	82	62	81	60			
3....	83	53	83	49	79	44	83	57	89	56	83	61	81	52	88	53	89	53	82	52	84	53	81	57	85	57	87	56	
4....	84	67	84	63	84	62	83	64	85	62	82	70	84	65	87	66	83	58	81	67	84	66	83	64	82	62	84	64	
5....	80	58	80	54	77	50	78	57	82	54	76	61	78	56	79	53	78	44	77	60	78	56	74	59	78	54	76	50	
6....	81	53	83	51	80	49	78	54	87	53	83	61	78	52	86	50	92	50	81	51	83	53	82	53	83	54	84	54	
7....	90	64	84	60	83	61	84	57	82	61	86	65	85	55	82	64	82	63	86	60	86	69	85	68	84	66	81	64	
8....	79	56	69	50	67	48	68	48	71	55	69	52	76	56	75	54	71	53	72	58	70	55	70	56	64	53	74	52	
9....	66	43	67	42	64	37	64	44	71	44	65	46	75	42	65	43	67	43	63	50	64	45	64	46	63	43	63	42	
10....	72	44	75	41	73	35	72	47	77	41	68	50	72	42	70	38	70	36	67	46	68	46	67	43	68	37	67	37	
11....	81	46	82	44	78	40	80	41	77	52	79	42	81	39	78	38	73	43	74	45	72	42	68	38	73	40			
12....	84	50	87	48	86	41	86	56	85	47	84	61	86	53	85	47	83	48	78	47	82	53	77	50	81	51	81	51	
13....	83	54	87	51	84	49	79	54	88	54	83	59	85	52	88	51	86	49	74	51	86	56	82	52	85	47	85	48	
14....	93	54	94	57	89	58	92	58	93	58	93	67	91	67	94	57	89	54	88	55	91	63	89	60	92	56	89	55	
15....	92	66	92	58	87	52	89	64	96	64	89	73	91	66	96	62	94	54	82	67	92	70	88	65	91	55	82	57	
16....	97	64	95	64	92	63	94	66	99	67	97	72	97	65	99	66	94	61	95	65	96	67	93	63	92	61	85	60	
17....	95	68	90	68	68	69	90	71	93	70	90	69	92	70	91	69	92	68	93	68	91	67	91	65	88	66			
18....	82	63	83	56	78	50	78	60	90	63	80	65	81	62	86	59	89	54	74	61	82	65	85	60	82	58			
19....	83	52	84	51	79	48	79	53	87	63	82	63	78	52	85	56	90	55	78	53	82	60	82	55	85	58	88	58	
20....	90	61	88	60	86	59	87	61	98	62	92	69	90	62	96	66	91	62	89	61	92	69	91	66	92	69	93	64	
21....	90	68	83	66	84	64	81	66	95	68	90	66	87	65	93	68	92	62	90	67	94	70	96	69	95	73	96	65	
22....	76	66	85	62	83	60	84	65	80	62	77	68	77	65	80	64	76	62	75	68	75	64	80	65	84	64	72	61	
23....	73	63	82	56	85	53	75	65	67	63	70	66	72	63	73	64	68	61	69	65	70	67	77	68	78	65	69	64	
24....	81	65	86	62	86	56	79	64	82	65	79	68	80	64	84	65	84	63	78	66	83	68	82	69	85	66	85	65	
25....	85	66	89	63	89	61	86	66	83	67	81	68	81	63	85	67	86	66	81	64	81	68	83	67	87	65	87	67	
26....	80	65	84	65	79	63	78	65	83	69	80	69	79	65	86	70	83	66	87	67	83	72	81	68	85	65	82	67	
27....	89	65	89	68	87	67	85	65	93	66	91	72	88	67	96	68	93	66	88	67	94	70	90	69	92	66	93	67	
28....	86	70	89	67	87	67	84	72	93	72	92	75	87	68	93	75	91	78	88	71	91	77	91	74	93	69	90	70	
29....	88	56	90	54	84	49	88	63	92	65	84	70	87	60	90	66	88	64	81	63	88	72	85	72	83	69	84	65	
30....	89	58	91	59	89	57	86	71	92	63	88	70	84	58	92	60	91	64	84	57	89	66	85	59	87	67	88	75	
Mns.	83.9	59.1	84.6	56.4	82.3 ^a	54.8 ^a	81.6	59.7	.....	.....	82.6	64.8	82.7	59.1	85.8	59.3	84.6	56.8	80.4	59.5	83.2	62.5	82.2	60.9	83.4	59.0	83.2	58.5

^a, ^b, ^c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.^{\$\$} Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.